PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 0 9 MAR 2004

VIPO PCT

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Applic		r agen	t's file reference	FOR FURTHER ACT	See Notification	n of Transmittal of International amination Report (Form PCT/IPEA/416)
				International filing date (da 05.02.2003	ay/month/year)	Priority date (day/month/year) 08.02.2002
International Patent Classification (IPC) or both national classification and IPC						
	D211/					
Appli	cant		,			
GLA	XO G	ROU	IP LIMITED			
1.	This	intern	ational preliminary exa	mination report has been	prepared by this Inte	ernational Preliminary Examining
į	Auth	ority a	nd is transmitted to the	applicant according to A	i licie 30.	
2.	This	REPO	ORT consists of a total	of 5 sheets, including this	s cover sheet.	
		Thie	report is also accompa	nied by ANNEXES, i.e. s	heets of the descript	ion, claims and/or drawings which have
	the property of the basis for this report and/or sheets containing rectifications made before this Authority					
	(see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
	These annexes consist of a total of sheets.					
з.	This	repor	t contains indications r	elating to the following ite	ms:	
l	ı	\boxtimes	Basis of the opinion			
 II □ Priority III ☒ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV □ Lack of unity of invention V ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applica citations and explanations supporting such statement VI □ Certain documents cited 						
				ovelty, inventive step	and industrial applicability	
			inventive step or industrial applicability.			
			miverture step of modernal approaching,			
VII Certain defects in the international application						
	VIII Certain observations on the international application					
					Date of completion of	this report
Date	e of sub	missi	on of the demand		Date of Completion of	une reper-
05 08 2003				05.03.2004		
05.08.2003						
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/GB 03/00499

1. Daois s	l.	Basis	of the	report
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 With regard to the elements of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	Desc	ription, Pages					
	1-59		as originally filed				
	Clair	ns, Numbers					
	1-17		as originally filed				
2.	With lang	h regard to the language , all the elements marked above were available or furnished to this Authority in the guage in which the international application was filed, unless otherwise indicated under this item.					
		ese elements were available or furnished to this Authority in the following language: , which is:					
		slation furnished for the purposes of the international search (under Rule 23.1(b)).					
	П	the language of publication of the international application (under Rule 48.3(b)).					
		the language of a tran Rule 55.2 and/or 55.3	slation furnished for the purposes of international preliminary examination (under).				
3.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:						
		contained in the interr	national application in written form.				
		filed together with the	international application in computer readable form.				
☐ furnished subsequently to this Authority in written form.							
		furnished subsequent	ently to this Authority in computer readable form.				
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.					
4.	The	amendments have re	sulted in the cancellation of:				
		the description,	pages:				
		the claims,	Nos.:				
		the drawings,	sheets:				
5	. 🗆	This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).					
			eet containing such amendments must be referred to under item 1 and annexed to this				
6	. Ad	ditional observations, i	f necessary:				

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111	III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
1.	The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:						
☐ the entire international application,							
⊠ claims Nos. 14,16					•		
because:							
the said international application, or the said claims Nos. 14,16 relate to the following subject m does not require an international preliminary examination (specify):				s Nos. 14,16 relate to the following subject matter which ination (specify):			
		see separate sheet					
the description, claims or drawings (indicate particular elements below) or said claims Nos. are so that no meaningful opinion could be formed (specify):							
	the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opin could be formed.						
\square no international search report has been established for the said claims Nos.					d for the said claims Nos.		
A meaningful international preliminary examination cannot be carried out due to the failure of the nucleoti or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:					nnot be carried out due to the failure of the nucleotide and dard provided for in Annex C of the Administrative		
		☐ the written form has not been furnished or does not comply with the Standard.					
the computer readable form has not been furnished or does not comply with the Stand					ed or does not comply with the Standard.		
 V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability citations and explanations supporting such statement Statement 							
							No
	in	ventive step (IS)	Yes:	Claims			

1-17

1-13,15,17

Claims

Claims

Yes: Claims

No:

No:

2. Citations and explanations

Industrial applicability (IA)

see separate sheet

Re Item III

Claims 14 and 16 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1 (iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject matter of these claims (Article 34(4)(a)(i)PCT).

Re Item V

Reference is being made to the following documents:

- (A) WO 9716440
- (B) WO 9724324
- (C) EP 0532456
- (D) WO 9937304
- (E) WO 0232867

Since the priority of the present application is deemed to be valid (E) will not be considered in this opinion.

Novelty

The current piperidine carboxylic acid amide derivatives appear to be novel over (A)-(C) and are essentially a novel selection of the compounds disclosed in (D) so that the requirements of Article 33(2) PCT seem to be met.

Inventive Step

The problem underlying the current application appears to be the provision of further piperidine carboxylic acid amide derivatives which antagonize substance P and are therefore useful in the treatment of e.g. CNS disorders.

(A), (B) and (C) represent the relevant state of the art in the current technical field. (C) appears to be the closest prior art. It discloses piperidine carboxylic acid derivatives which display the desired activity and only differ structurally from the present ones in being either ester derivatives, containing "O" instead of the present "NR¹" group, or else in being amide derivatives but lacking the "CR²R³" group. However, "O" and "NR" generally are replaceable one by the other with a reasonable expectation of the

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qualitative retention of activity, in this case in particular since (A) shows the interchangeability of -O- and -NR³- in the concerned central part of the structure. An inventive step in the sense of Article 33(3) PCT could e.g. be acknowledged if an unexpected improvement of the present application vis-à-vis the closest prior art was shown. However, at present the application appears not to contain such an improvement.

Industrial Applicability

For the assessment of present claims 14 and 16 on the question whether they are industrially applicable, no unified criteria exists in the PCT Contracting States. The patentability can also be dependent upon the formulation of the claims. The EPO, for example, does not recognize as industrially applicable the subject-matter of claims to the use of a compound in medical treatment, but may allow claims to a known compound for first use in medical treatment and the use of such a compound for the manufacture of a medicament for a new medical treatment.